

ABSTRACT

A metallic member 22 is integrated with a molded rotor 12, and a bearing 16 is held to the rotor 12 through this metallic member 22. At that time, a washer 24 is secured to the metallic member, and the rotating portion of the bearing is held by this washer, thereby improving holding property and durability of the bearing. A stopper plate 21 for limiting the displacement of the output shaft of a motor is used as the metallic member, thereby enabling holding property and durability of the bearing to increase without increasing the number of components. The base-end side of the metallic member 22 is integrally in-mold molded with the rotor 12, which enables the metallic member 22 to be firmly held.